

For more information contact:

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Fee:

Program fee is \$5.00 per child. There is no cost to leaders or chaperones. At least one adult for every 6 scouts is required. Reservations must be made at least 2 weeks in advance.

To make a reservation call:

201-460-8300

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2006/2007

**CUB
SCOUT
PROGRAMS**



**A NEW JERSEY
MEADOWLANDS COMMISSION
FACILITY**

**OPERATED BY
RAMAPO COLLEGE OF NEW JERSEY**

Two DeKorte Park Plaza
Lyndhurst, NJ 07071
Phone: 201-460-8300



CUB SCOUT PROGRAMS

Title: Naturalist I

Addresses requirements for: *Tiger Cubs achievements*

Duration: One 90-minute session

Overview: This program teaches the skills needed to become a successful naturalist. Each participant will help create his own Naturalist Field Journal he'll then use to record observations made on an interpretive nature hike. The journal will contain rudimentary information on flora and fauna intended to help the cubs begin to read the many signs that serve as evidence of the goings-on in the natural world.

Activities:

- 🌿 Take a short interpretive nature hike.
- 🌿 Make a Field Journal for use in identifying plants and animals and recording observations of nature.
- 🌿 Learn to identify animal prints and how to use them to track animals.

Title: Naturalist II

Duration: Two 90-minute sessions

Addresses requirements for: *Webelos Naturalist Badge* and *World Conservation Award for Webelos*

Overview: This program picks up where Naturalist I leaves off. Going beyond simple observations, participants will begin to understand what defines an ecosystem and what makes it function. They will also begin to explore biological taxonomy, using both live insects and preserved specimens.

Session One

Activities:

- 🌿 Learn about the diverse habitats found throughout New Jersey.
- 🌿 Discover how producers, consumers, and decomposers are different by building a food pyramid.
- 🌿 Go on a short hike using a field guide and record observations of the animals you see.

Session Two

Activities:

- 🌿 Categorize insects into major groups using pictures and preserved specimens.
- 🌿 Take a short insect hike to find, catch, and study a variety of insects.

Title: Birds I

Addresses requirements for: *Wolf electives* and *World Conservation Award*

Duration: Two 90-minute sessions

Overview: This program is intended to give an overview of the avian life cycle, from life in an egg to adulthood. After learning about the adaptations that separate birds from other animals, participants will examine what makes certain species especially unique. The course will also cover some of the basics of bird watching including the equipment used as well as the body features of birds used to identify them.

Session One

Activities:

- 🌿 Make a nesting bag for the birds in your neighborhood.
- 🌿 Take a brief hike to a bird blind to look for birds.

Session Two

Activities:

- 🌿 View bird nests constructed by different bird species and learn about the methods and materials used to build them.
- 🌿 View birdhouses and discuss how their designs are unique to the species they're built for.
- 🌿 Construct a simple birdfeeder to take home.

Title: Birds II

Addresses requirements for: *Bear achievement, electives* and *World Conservation Award for Bear*

Duration: One 90-minute session

Overview: Whereas Birds I speaks to the generalities of a bird's life, this program focuses on a single aspect of the avian life cycle, migration, and the role the Meadowlands plays in it. Birds II will include a seasonally appropriate discussion of the transient bird species that historically visit the Meadowlands and several hands-on activities to allow participants to interact more closely with birds.

Activities:

- 🌿 View a short video presentation about birds that visit the Meadowlands.
- 🌿 Participate in a role-playing activity to better understand bird Migration.
- 🌿 Construct a simple birdhouse or feeder.
- 🌿 Make and use a bird caller and take a short birding hike to test it.

Title: Water and Weather

Duration: Two 90-minute sessions

Addresses requirements for: *Bear achievements* and *World Conservation Award for Bear*

Overview: In this program, participants will investigate the properties of water and how these determine the changes water undergoes as it cycles through the environment. Basic meteorological instruments will be used to measure aspects of water including temperature and volume.

Session One

Activities:

- 🌿 Use weather instruments to complete a weather journal then use your observations to make a weather prediction.
- 🌿 Learn to read a rain gauge and make one for home use.

Session Two

Activities:

- 🌿 Learn some weather lore and what it means.
- 🌿 Learn to measure atmospheric pressure using a barometer and how changes in pressure can be used to predict the weather.
- 🌿 Make a weather chart to be used at home to record daily measurements of temperature, wind direction, and precipitation.

Title: What's in Water?

Duration: One 90-minute session

Addresses requirements for: *Bear electives* and *World Conservation Award for Bear*

Overview: Participants will explore the salt marsh and learn about the organisms that live in this unique habitat.

Activities:

- 🌿 Build a water scope and use it to observe different aquatic organisms.
- 🌿 Use dip nets to catch organisms observed with your water scope then use a magnifying lens to look at the details of your captured specimens.
- 🌿 Help to place a plankton net and return later to collect your specimens.
- 🌿 Use a microscope to view the plankton gathered.